

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NGK INSULATORS LTD

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(54) METHOD FOR WASHING MEMBRANE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for washing membranes which is capable of drastically reducing the consumption of liquid chemicals and liquid chemical diluting and washing water.

SOLUTION: The method for washing the membrane by the liquid chemical when the filtration ability of the membrane degrades consists of a first stage for circulating the liquid chemicals for washing to a raw water side while pressurizing the filtrate side of the membrane 1 with pressurized air, or the like, and a second stage for circulating the liquid chemical diluting and washing water to the raw water side while pressurizing the filtrate side of the membrane 1 with gas. The washing range of the membrane 1 is controlled by the pressure of the gas and the washing may be carried out by bringing the liquid chemical into contact only with the surface layer portion of the membrane to which materials 7 to be the cause for the degradation of the membrane 1 are stuck.

